

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56	703/13.ccls. and @pd>"20070401"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/08/03 16:44
L2	6669	(virtual adj machine) and @ad<"20020101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/08/03 16:45
L3	2724	L2 and translat\$5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/08/03 16:46
L4	2120	L3 and (operating adj system)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/08/03 16:46
L5	1218	L4 and (trap\$1 or exception\$1 or interrupt\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/08/03 16:47
L6	667	L5 and (simulat\$5 or emulat\$5)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/08/03 16:47


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virtual machine simulation

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[J Gosling](#)[T Lindholm](#)[K Arnold](#)[F Yellin](#)[J Craig](#)

[book] **Java Virtual Machine Specification - all 20 versions »**

T Lindholm, F Yellin - 1999 - Addison-Wesley Longman Publishing Co., Inc. Boston, MA, USA

... Matthew Wilding , David Greve , David Hardin, Efficient **Simulation** of Formal ... Michael Haupt , Mira Mezini , Klaus Ostermann, **Virtual machine** support for dynamic ...

Cited by 2540 - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Embra: fast and flexible machine simulation - all 7 versions »

E Witchel, M Rosenblum - Proceedings of the 1996 ACM SIGMETRICS international ..., 1996 - portal.acm.org

... instructions and access data at the **virtual** address specified ... the CPU in a real **machine**,

efficient modeling ... we present the fast MMU **simulation** techniques used ...

Cited by 202 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[book] **Shade: a fast instruction-set simulator for execution profiling - all 21 versions »**

B Cmelik, D Keppel - 1994 - ACM Press New York, NY, USA

... to the **virtual** target **machine**, or where we wish to virtualize the target **machine** operations, several instructions, or even a call to a **simulation** function may ...

Cited by 532 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

Using the SimOS Machine Simulator to Study Complex Computer Systems - all 9 versions »

M ROSENBLUM, E BUGNION, S DEVINE, SA HERROD - ACM Transactions on Modeling and Computer **Simulation**, 1997 - portal.acm.org

... The accurate **simulation** models of SimOS are heavily ... timing information describing the simulated **machine's** execution ... address back to the **virtual** address of ...

Cited by 240 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

VM/4: ACOS-4 virtual machine architecture

S Nanba, N Ohno, H Kubo, H Morisue, T Ohshima, H ... - ACM SIGARCH Computer Architecture News, 1985 - portal.acm.org

... VM/% introducing high-speed I/O operations called VM mode I/O applied to the channel programs on the **virtual machine** reduces channel program **simulation** overhead ...

Cited by 33 - [Related Articles](#) - [Web Search](#)

Virtual machine monitors for scalable multiprocessors - all 3 versions »

E Bugnion, SW Devine, M Rosenblum - US Patent 6,075,938, 2000 - Google Patents Page 1. [54] **VIRTUAL MACHINE MONITORS FOR SCALABLE MULTIPROCESSORS** ... 711/122 OTHER

PUBLICATIONS Goldberg, R., Survey of **Virtual Machine** Research, Computer, pp. ...

Cited by 38 - [Related Articles](#) - [Web Search](#)

[book] **The Java programming language - all 7 versions »**

K Arnold, J Gosling - 1998 - ACM Press/Addison-Wesley Publishing Co. New York, NY, USA

... of the 31st conference on Winter **simulation: Simulation**—a bridge to the ... Laurent


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virtual machine emulation

1950

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All Results[J Babb](#)[A Agarwal](#)[R Tessier](#)[D Golub](#)[R Rashid](#)**A virtual machine emulator for performance evaluation**

MD Canon, DH Fritz, JH Howard, TD Howell, MF ... - Communications of the ACM, 1980 - portal.acm.org

... two environments: the environment normally presented by CP which we will call the standard **virtual machine** environment, and the **emulation** environment described ...Cited by 17 - [Related Articles](#) - [Web Search](#)**Optimising Bytecode Emulation for Prolog**

VS Costa - Proceedings of the International Conference PPDP'99 on ..., 1999 - portal.acm.org

... Optimising Bytecode **Emulation** for Prolog. ... Konstantinos Sagonas, Instruction merging and specialization in the SICStus Prolog **virtual machine**, Proceedings of the ...Cited by 45 - [Related Articles](#) - [Web Search](#)**Virtual machine monitors for scalable multiprocessors - all 3 versions »**

E Bugnion, SW Devine, M Rosenblum - US Patent 6,075,938, 2000 - Google Patents

... The present invention uses a combination of innovative **emulation** of the DMA ... Disco, a **virtual machine** monitor, is a software layer between a multiprocessor ...Cited by 38 - [Related Articles](#) - [Web Search](#)**Virtual and emulated objects for use in the user interface of a display screen of a display ... - all 2 versions »**

MH Beard, PA Caro, JB Hsiao, KJ Mackey, JG Sandman ... - US Patent 4,939,507, 1990 - Google Patents

... BOOT* SHOWING OPTIONS: OK TO CHANGE DEVICE/ DRIVE CONFIGURATION NOT OK TO LOAD **VIRTUAL**MEDIA. ISO ... 170 772 \ - 1 SELECT PC **EMULATOR** ICON AND PRESS <PROPS> 174 ...Cited by 100 - [Related Articles](#) - [Web Search](#)**Logic emulation with virtual wires - all 15 versions »**

J Babb, R Tessier, M Dahl, SZ Hanono, DM Hoki, A ... - Computer-Aided Design of Integrated Circuits and Systems, ..., 1997 - ieeexplore.ieee.org

... Abstract—Logic **emulation** enables designers to functionally verify ... use of expensive crossbar and PC-board technology ... **Virtual** wires overcome pin limitations by ...Cited by 69 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**Static grouping of small objects to enhance performance of a paged virtual memory**

JW Stamos - ACM Transactions on Computer Systems (TOCS), 1984 - portal.acm.org

... 2.2 **Virtual Machine Emulation** Exact duplication of the timing and nature of user input from the keyboard and pointing devices is impossible. ...Cited by 79 - [Related Articles](#) - [Web Search](#)**Contemporary Concepts of Microprogramming and Emulation**

RF Rosin - ACM Computing Surveys (CSUR), 1969 - portal.acm.org

... For example, it is possible to emulate any of a family of **virtual** machines with byte ... However, the same **machine** may not be at all suitable for **emulation** of a ...


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 Aloisio, G.; Boicchio, M.A.; La Scala, M.; Sbrizzai, R.;
 <u>Power Systems, IEEE Transactions on</u>
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 Dickens, P.M.; Heidelberg, P.; Nicol, D.M.;
 <u>Parallel and Distributed Systems, IEEE Transactions on</u>
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 Chen, M.K.; Olukotun, K.;
 <u>Parallel Architectures and Compilation Techniques, 1998. Proceedings, 1998 International Confere</u>
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- ☐ 4. A scalable and reusable emulator for evaluating the performance of SS7 networks Lazar, A.A.; Tseng, K.H.; Koon Seng Lim; Choe, W.; Selected Areas in Communications, IEEE Journal on Volume 12, Issue 3, April 1994 Page(s):395 - 404
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